Q) Create a class Book which contains four members : name, author, price, numPages. Include a constructor to set the values for the members. Include methods to set and get the detail of the objects. Include to String () method that could display the complete details of the book. Create n books.

```java
import java.util.scanner

class Book {
    private string name;
    private string author;
    private double price;
    private int numPages;

    public Book (String name, String author, double price,
    int numPages) {

        this.name = name;
        this.author = author;
        this.price = price;
        this.numPages = numPages;
    }

    public void setName (String name) {
        this.name = name;
```

```java
public void setAuthor (String author) {
    this. author = author;
}


public void setPrice (double price) {
    this. price = price;
}


public void setNumPages (int numPages) {
    this. numPages = numPages;
}


public String getName () {
    return name;
}


public String getAuthor () {
    return Author;
}


public double getPrice () {
    return Price;
}


public int getNumPages () {
    return numPages;
}
```

```java
public String toString () {
    return "Book Name :" + name + ", Author :" + author +
    ", Price :" + price + ", Number of Pages :" + numPages;
}
}


public class BookMain {
    public static void main (String [] args) {
        Scanner scanner = new Scanner (System.in);
        System.out.print ("Enter no- of books :");
        int n = scanner.nextInt ();
        scanner.nextline ();

        Books [] books = new Book [n];

        for (int i = 0; i < n; i++) {
        System.out.println ("Enter book details " + (i+1) + ":");
        System.out.println ("Name");
        String name = scanner.nextline ();
        System.out.print ("Author");
        String author = scanner.nextline ();
        System.out.print ("Price");
        double price = scanner.nextDouble ();
        System.out.print ("No- of Pages");
        int numPages = scanner.nextInt ();
        scanner.nextline ();

        books [i] = new Book (name, author, price, numPages);
}
```

```java
System.out.println("In Book Details");
    for(Book book : books){
        System.out.println(book);
    }
}
    scanner.close();
}
}
```

Outputs

```
Enter number of books : 3
Enter details for book 1 :
Name = ABC
Author = Robert
Price = 500
Number of pages = 400

Enter details for book 2 :
Name = ABC DEF
Author = Chetan
Price = 400
Number of pages = 300

Enter details for book 3 :
Name = XYZ
Author = Ruskin
Price = 300
Number of pages = 200
```

Book Details :

Book name : ABC, Author : Robert, Price : 500.0,
Number of pages : 400

Book name : Chetan, Author : Chetan, Price : 400.0,
Number of pages : 600

Book name : Ruskin XYZ, Author : Ruskin, Price 300.0,
Number of pages : 200

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